

Claims

What is claimed is:

1. A method for remotely managing a computer coupled to a communication bus, the method comprising:

5 receiving, via the communication bus, a management command;
determining whether the management command was received via a management port coupled to the communication bus; and
when the management command was received via the management port, executing the management command.

10 2. The method of claim 1, further comprising:
providing, via the communication bus, data to at least one device coupled to the communication bus in response to the step of executing the management command.

15 3. The method of claim 1, further comprising:
when the management command was not received via the management port, ignoring the management command.

20 4. The method of claim 1, wherein the communication bus is an IEEE 1394-compliant serial bus.

5. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 1.

25 6. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 2.

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7. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 3.

8. A method for remotely managing a computer coupled to a communication bus, the method comprising:

identifying one or more authorized management devices based on the one or more authorized management devices being connected, via the communication bus, to a first port of the computer;

receiving a management command from a first device via the communication bus;

determining whether the first device is one of the one or more authorized management devices; and

when the first device is one of the one or more authorized management devices, executing the management command.

9. The method of claim 8, wherein the step of identifying is performed subsequent to a reset of the communication bus.

10. The method of claim 8, further comprising:

providing, via the communication bus, data to at least one device coupled to the communication bus in response to the step of executing the management command.

11. The method of claim 8, further comprising:

receiving another management command from a second device via the communication bus;

determining whether the second device is one of the one or more authorized management devices; and

when the second device is not one of the one or more authorized management devices, ignoring the other management command.

12. The method of claim 8, wherein the communication bus is an IEEE 1394-compliant serial bus.

13. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 8.

5 14. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 10.

15. A computer-readable medium having stored thereon computer executable instructions for performing the method of claim 11.

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16. A computer comprising:

a processor;

an IEEE 1394 interface, coupled to the processor, comprising at least one port wherein the IEEE 1394 interface passes management commands received from a management port of the at least one port to the processor and ignores any management command received via any port of the at least one port other than the management port; and

memory, coupled to the processor, having stored thereon computer executable instructions that, when executed by the processor, cause the computer to:

execute at least one management command received via the management port.

17. The computer of claim 16, wherein the computer executable instructions, when executed by the processor, further cause the computer to:

provide data via any of the at least one port in response to the at least one management command received via the management port.

18. The computer of claim 16, wherein the computer executable instructions, when executed by the processor, further cause the computer to:

identify one or more authorized management devices coupled to the management port.

19. A system comprising the computer of claim 16, and further comprising:

an IEEE 1394-compliant serial bus coupled to the IEEE 1394 interface; and

a management device coupled, via the IEEE 1394-compliant serial bus, to the management port,

wherein the management device provides the at least one management command.

20. The system of claim 19, wherein the management device is another computer.

21. A computer-readable medium comprising computer-executable components for enabling remote management of a computer via a communication bus, the computer-executable components comprising:

a bus interface component that communicates with the communication bus and that receives one or more management commands via the communication bus; and

a management command authorization component, in communication with the bus interface component, that determines whether each of the one or more management commands is authorized based on whether each of the one or more management commands was received via a management port coupled to the communication bus.

22. The computer-readable medium of claim 21, wherein the bus interface component communicates with an IEEE 1394-compliant serial bus.

23. The computer-readable medium of claim 21, further comprising:

a host interface component, in communication with the management command authorization component and a host comprising a portion of the computer, that sends the one or more management commands to the host for execution when the one or more management commands are authorized and require host intervention.

24. The computer-readable medium of claim 23, wherein the host interface component executes the one or more management commands when the one or more management commands are authorized and do not require the intervention of the host.

25. The computer-readable medium of claim 23, wherein the host interface component does not send the one or more management commands to the host when the one or more management commands are not authorized.